

## CURRICULUM VITAE ALGURNON VAN ROOYEN

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### PERSONAL

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Full name : Algurnon Steve  
Surname : van Rooyen  
Date of Birth : 13 November 1988  
Nationality : SA citizen  
Languages : English, Afrikaans, French (*Basic*), Xhosa (*Basic*)

### EDUCATION

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2011 - 2013	<b>Stellenbosch University</b> <i>Master of Science in Engineering (Civil Engineering)</i> <i>Dissertation: Structural lightweight aerated concrete</i>	<b>Stellenbosch</b>
2007 - 2010	<b>Stellenbosch University</b> <i>Bachelor of Engineering (Civil Engineering)</i>	<b>Stellenbosch</b>

### PROFESSIONAL EXPERIENCE

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2013 -	<b>Junior lecturer in the Department of Civil Engineering</b> <i>Strength of Materials 224</i>	<b>Stellenbosch</b>
2012	<b>Teachers Assistant</b> <i>Theory of Structures 354, Strength of Materials 224</i>	<b>Stellenbosch</b>
2011	<b>Student Assistant</b> <i>Theory of Structures 354, Strength of Materials 143</i> <i>Applied Maths B142 (mentor), Engineering Maths 115 (Mentor)</i>	<b>Stellenbosch</b>
2010	<b>Student Assistant</b> <i>Strength of Materials 143</i>	<b>Stellenbosch</b>
2009	<b>Student Assistant</b> <i>Engineering Informatics 224</i>	<b>Stellenbosch</b>
2008	<b>Student Assistant</b> <i>Strength of Materials 143</i>	<b>Stellenbosch</b>

### RESEARCH INTEREST

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My research is focused on structural lightweight aerated concrete (SLAC). The goal of the research is to use SLAC as an energy efficient construction material. Durability aspects of SLAC are also an interest of mine.

### PUBLICATIONS

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1. AS van Rooyen, GPAG van Zijl, and EP Kearsley. (2013) Non Autoclaved Lightweight Aerated Concrete. Proceedings International Conference on Advances in Cement and Concrete Technology in Africa, 401-408.